

FOCUSING DEVICE BASED ON BONDED PLATE STRUCTURES

ABSTRACT OF THE INVENTION

The invention provides a low mass and size thermal focusing device for a gas phase analytical device. The device has two or more plates bonded together. The device also has at least one channel with an entrance and exit is formed within allowing ingress and egress of a gas stream. The device also has a temperature reduction module in thermal contact with at least one plate of the device. Thermal focusing devices with additional plates and/or channels are also disclosed.